

## Message Text

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ACTION AF-10

INFO OCT-01 ISO-00 EB-07 RSC-01 /019 W

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R 131447Z DEC 74

FM AMCONSUL KADUNA

TO USDOC WASHDC

INFO SECSTATE WASHDC 2913

AMEMBASSY LAGOS

UNCLAS KADUNA 0859

E.O. 11652: N/A

TAGS: BMEP, BEXP, NI

SUBJECT: MAJOR PROJECT: EXPANSION OF KADUNA WATER SUPPLY

REF: KADUNA 414 (NOTAL)

1. NORTH CENTRAL STATE WATER BOARD PLANS EXPANSION OF KADUNA WATER SYSTEM TO EVENTUAL OUTPUT OF 60 MILLION IMPERIAL GALLONS PER DAY. DEVELOPMENT PROGRAM CALLS FOR IMMEDIATE EXPANSION OF 20 MILLION. CONSULATE HAS OBTAINED THREE COPIES OF PREQUALIFICATION DOCUMENTS FOR TREATMENT PLANT FROM CONSULTING ENGINEERS WARD, ASHCROFT AND PARKMAN (NIGERIA) WHICH WILL BE POUCHED TO COMMERCE (MEPD) ASAP.

2. SECTIONS D AND E OF THE PREQUALIFICATION DOCUMENTS READ AS FOLLOWS:

D. WORKS CAPACITY, MANUFACTURER'S SERVICES AND PROGRAMME

1. WORKS CAPACITY

IT IS ENVISAGED THAT THE NEW WATER TREATMENT WORKS WILL BE CONSTRUCTED IN THREE SEPARATE PHASES TO ACHIEVE A FINAL OUTPUT OF 60 M.G.D. (SIXTY MILLION IMPERIAL GALLONS PER DAY.)

THE OUTPUT OF THE FIRST STAGE SHALL BE 20 M.G.D. AND THE PROPOSED EQUIPMENT SHALL BE SUITABLE WHERE RELEVANT FOR EXTENSION IN SUBSEQUENT STAGES OF 20 M.G.D.. UNITS IN THE FINAL DESIGN SHALL BE METRIC.

2. MANUFACTURER'S SERVICES

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THE MANUFACTURER TO WHOM THE CONTRACT IS AWARDED SHALL BE

REQUIRED TO PROVIDE ALL NECESSARY SERVICES FOR THE EXPEDITIOUS COMPLETION OF THE DETAIL DESIGN, SUPPLY, ERECTION AND COMMISSIONING OF THE WATER TREATMENT PLANT EQUIPMENT AND MAINTENANCE OF THE EQUIPMENT FOR A PERIOD OF 12 MONTHS.

THESE SERVICES SHALL INCLUDE PROVISION OF A PRELIMINARY PLANT LAYOUT WITH DRAWINGS AND PRICED SCHEDULES OF EQUIPMENT. THESE SHALL BE SUFFICIENT TO ALLOW THE CONSULTING ENGINEERS TO PROCEED IMMEDIATELY WITH THE DESIGN OF ASSOCIATED WORKS. ON APPROVAL BY THE ENGINEER OF SUCH LAYOUT THE MANUFACTURER SHALL PRODUCE THE DETAIL DRAWINGS NECESSARY TO ALLOW FINAL DRAWINGS OF THE ASSOCIATED WORKS TO BE COMPLETED AND PROCEED WITH MANUFACTURE OF THE REQUIRED EQUIPMENT. THE MANUFACTURER SHALL DELIVER ALL EQUIPMENT TO THE SITE AND ERECT AND COMMISSION IT TO THE SATISFACTION OF THE ENGINEER.

TREATMENT PLANT EQUIPMENT IN THE ABOVE CONTEXT SHALL INCLUDE THAT REQUIRED FOR EFFECTIVE SEDIMENTATION OR CLARIFICATION, FILTRATION, STORAGE AND DOSING OF ALL CHEMICALS, FLOW MEASUREMENT AND ALL ASSOCIATED CONTROL EQUIPMENT. CONTROL OF OPERATIONS SHALL GENERALLY BE MANUAL BUT PROVISION FOR CONVERSION TO PNEUMATIC SEQUENTIAL OPERATION FOR FILTER BACKWASHING SHALL BE INCORPORATED. THE MANUFACTURER MAY OFFER ALTERNATIVE METHODS OF CONTROL.

### 3. PROGRAMME

DUE TO THE URGENCY OF THE WORK THE MANUFACTURER IS ADVISED THAT THE FOLLOWING SHOULD BE TAKEN AS THE MAXIMUM TIMES FOR IMPLEMENTATION OF THE VARIOUS SERVICES:-

1. PRELIMINARY DRAWINGS AND ESTIMATES - 1 MONTH
2. FINAL DRAWINGS - 3 MONTHS AFTER APPROVAL OF (1)
3. MANUFACTURE AND DELIVERY TO SITE - 15 MONTHS
4. ERECTION AND COMMISSIONING - 11 MONTHS

### E. INFORMATION TO BE PROVIDED

IN ORDER TO FACILITATE A COMPARITIVE ASSESSMENT OF MANUFACTURER'S PROPOSALS WITH THE INTENTION OF USING THE INFORMATION PROVIDED AS A PREQUALIFICATION FOR TENDER OR AS A METHOD OF SELECTING A NOMINATED SUB-CONTRACTOR EACH MANUFACTURER IS REQUESTED TO PROVIDE THE FOLLOWING:-

1. DETAILS OF WORK OF A SIMILAR NATURE AND SIZE AND UNDER UNCLASSIFIED

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SIMILAR CONDITIONS BY THE MANUFACTURER.

2. DETAILS OF THE PROPOSED EQUIPMENT OF SUCH A NATURE AS TO ALLOW AN ASSESSMENT OF PERFORMANCE.
3. A DRAWING SHOWING THE PRELIMINARY LAYOUT OF STAGE 1 OR THE WATER TREATMENT WORKS WITH AN INDICATION SHOWING HOW THE FURTHER STAGES WOULD BE ADDED.

4. DETAILS OF A REALISTIC PROGRAMME FOR ALL THE SERVICES REQUIRED.
5. ESTIMATES OF COSTS FOR ALL SERVICES REQUIRED AND A STATEMENT OF THE TIME REQUIRED TO PRODUCE A FIRM PRICE FOR THE SERVICES.
6. DETAILS OF MAINTENANCE AND REPAIR SERVICES AVAILABLE TO THE CLIENT AFTER THE EXPIRATION OF THE PERIOD OF MAINTENANCE.
7. ANY FURTHER INFORMATION CONSIDERED RELEVANT.

THE ABOVE INFORMATION SHOULD BE FORWARDED TO THE CONSULTING ENGINEERS OFFICES AS SOON AS POSSIBLE AND ARRIVE NOT LATER THAN 25TH JANUARY, 1975. END QUOTE

3. WARD, ASHCROFT WILL UNDERTAKE ALL OTHER ASPECTS OF THE EXPANSION PROGRAM. U.S. RESPONSES SHOULD BE DIRECTED TO

MR. N. GUNASINGHAM

MANAGER

WARD, ASHCROFT, AND PARKMAN (NIGERIA)

18/19 AHMADU BELLO WAY

P.O. BOX 99

KADUNA, NIGERIA

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CABLE: WAPCONSULT

PHONE: 22115

WITH COPY TO:

ALHAJI AHMED N. CHEEMA

GENERAL MANAGER

NORTH CENTRAL STATE WATER BOARD

P.M.B. 2133

KADUNA, NIGERIA

CABLE: WATER, KADUNA

PHONE: 42266

4. WATER BOARD ANTICIPATES IBRD TO COVER PORTION OF PROJECT FINANCING. HOWEVER IBRD LOAN WILL NOT BE FORTHCOMING BEFORE JULY, 1975 AND WORK IS EXPECTED TO BEGIN IN APRIL. BOARD FORESEES NO PROBLEM IN OBTAINING STATE FUNDS. NEW FIVE YEAR DEVELOPMENT PLAN WILL INCLUDE APPROX N50 MILLION FOR WATER RESOURCES DEVELOPMENT. ANTICIPATED EXPENDITURE FOR TREATMENT PLANT IS N700,000 (N1 - \$1.62).

5. WARD, ASHCROFT REQUESTS THAT THEY BE KEPT INFORMED OF CONTACTS MADE BY COMMERCE RE THIS PROJECT AND INITIAL RESPONSES OF U.S. FIRMS. PLEASE KEEP CONSULATE ADVISED.  
TRAIL

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## Message Attributes

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**To:** COM  
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